

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 456 AMENDMENT	551-458-50-90-89	01

TASK TITLE: (NTE 80 characters; include Project name)

ACS Test Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
William Eichhorn <i>[Signature]</i>	12/20	551	551	301-286-8131
BRANCH HEAD	DATE	CODE	PHONE	
Peter Maymon <i>[Signature]</i>	12/21/00	551	301-286-8937	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
Robert S. Lebair, Jr. <i>[Signature]</i>	12/29/00	560	301-286-6588	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[X] NO [] YES				

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: JAN 2 2001

Contractor will develop specification or statement of work under this task for a future procurement.	[X] No [] YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	[] No [] YES [X] N/A
Government Furnished Property/Facilities:	[] No [X] YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	[] NO [X] YES If yes: [] TOTAL [X] Partial
If partial, indicate onsite work in SOW by asterisk (*)	
Surveillance Plan Attached:	[X] No [] YES
Highlighted Contract Clauses:	(to be completed by Contracting Officer)

INCENTIVE FEE STRUCTURE

(check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ _____.

The target fee of this task order is \$ _____.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ _____.

The maximum fee is \$ _____.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER
----------------------------------	------	-----------------------------------

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER**CONTRACTOR****CONTRACT NO./TASK NO.**

QSS Group, Inc.

NAS5-

99124

TASK NO.

456

AMENDMENT

Applicable paragraphs from contract Statement of Work:

Function 2D, 2E

BACKGROUND:

The Advanced Camera for Surveys (ACS) is a third generation Hubble Space Telescope (HST) instrument planned to be installed on Servicing Mission 3B in November 2001. Prior to instrument delivery to the launch, various system level tests shall be performed which require optical calibrations/verifications. This work is currently being supported under the EDISS contract, number NAS5-32539.

STATEMENT OF WORK:

The Contractor shall provide mechanical and optical engineering services to the ACS calibration team. This shall include:

- * 1.) Attending ACS project meetings and related meetings as appropriate;
- 2.) Optical, mechanical, and electrical design, development and modeling;
- * 3.) Hardware fabrication, procurement, assembly and testing;
- * 4.) Support for GSFC ACS test operations, maintenance, and troubleshooting as required
- * 5.) Completing calibration of the RAS/Cal Si photodiode (Vis)
- * 6.) Completing laser-fed, TV-compatible fiber optic cable set-up for RAS/Cal
- * 7.) Completing RAMP upgrade
- * 8.) Installation/checkout of new controller for the RAS/Cal polarizer
- 9.) Developing optical models of each test setup in order to determine expected results as well as to determine equipment requirements. Where possible, models shall use as-built as well as design data.

Travel is required to support occasional HST Project Monthly Status Reviews in Boulder, Colorado.

PERFORMANCE SPECIFICATIONS:

Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Management performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention. Report to include: (1) summary of monthly progress; (2) plans for next month; (3) problems; (4) issues; and (5) resolution of problems/issues.

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

- | | |
|--|--|
| 1. Completion of RAMP upgrade/checkout | Jan 29, 2001 |
| 2. RAS/Cal Polarizer ready for ACS Calibration | Feb 05, 2001 |
| 3. Completion of Si photodiode calibration | Apr 03, 2001 |
| 4. Test & Analysis Reports | 60 days after completion of test or analysis |
| 5. Technical Progress Reports | Monthly, 15th of each month |

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above deliverables/milestones

Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

W. Eichhorn, building 7, room 107